

06/10/02

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Supersedes Suppl. Spec. dated 9/16/98, 1/13/99, 6/3/99, 11/18/99, & 12/19/00

S U P P L E M E N T A L S P E C I F I C A T I O N
A M E N D M E N T T O S E C T I O N 6 1 5 -- T R A F F I C S I G N S

Amend 1.2.2 to read:

1.2.2 Traffic signs Type B and Type BB shall be flat sheet aluminum signs with retroreflective sheeting background and retroreflectorized cut-out copy. Type B shall include aluminum tube mounts or steel "U" post mounts or as shown on the plans.

Amend the second sentence of 2.5.3 to read:

Posts shall be galvanized in accordance with AASHTO M 111.

Add to 2.7:

2.7.1 The post clip assembly shall be Stainless Steel bolt Alloy 304 ASTM A 193M/ASTM A193) Grade B8, Stainless Steel nut Alloy 304 ASTM A-194M/ASTM A194 Grade 8 with nylon filler and Stainless Steel washer Alloy 302 ASTM –A 276.

Amend 2.8.3 to read:

2.8.3 Anchor bolts for overhead sign structure shall be steel conforming to AASHTO M 314, Grade 250 (36), 380 (55) or 725 (105) and shall be hot-dip galvanized for a minimum of 400 mm (16 in) on the threaded end in accordance with AASHTO M 232M/M 232, Class C. Nuts shall conform to AASHTO M 291M/M 291. Washers shall conform to AASHTO M 293M. Nuts and washer shall be galvanized in accordance with AASHTO M 232M/M 232, Class C or AASHTO M298, Class 50.

Add to 2.8:

2.8.5 Anchors for breakaway systems for ground-mounted sign supports shall be stainless steel Type 304 in accordance with ASTM A 276. Anchorage bolts for breakaway systems shall be steel in accordance with AASHTO M 164M/M 164, galvanized in accordance with AASHTO M 232M/M 232, Class C or AASHTO M 298, Class 50.

Add to 3.2.7: Application of Sign Copy

3.2.7.3 Application of copy for Type B and Type BB traffic signs shall be adhesive back pressure sensitive cut – out copy applied by a roller application (hand or machine).

Add to 3.4.1:

For full traffic sign structures the anchor bolt size and pattern shall be identical for both bases.

Amend 3.4.1.1 to read:

3.4.1.1 The Contractor shall furnish the design calculations, complete shop drawings or manufacturer's standard specifications and drawings, or both for the overhead structure proposed to be erected, including method of attaching signs to the structure for documentation in accordance with 105.02. The Contractor shall also supply, along with any pertinent design calculations, a list of the following forces at the top of each foundation:

- Truss or Cantilever Dead Load
- Sign(s) Dead Load
- Post(s) Dead Load
- Wind Load on the Horizontal Sign Support
- Wind Load on the Sign(s)
- Wind Load on the Post(s)
- Ice Load on the Horizontal Sign Support
- Ice Load on the Sign(s)

Details of bases for overhead structures will be furnished to the Contractor after submittal of the shop drawings.

Amend 4.2 to read:

4.2 Traffic sign type A, B, C, AA, BB or CC will not be measured, but shall be the square meter (square foot) final pay quantities in accordance with 109.11 for traffic signs required as shown on the plans, including all necessary posts, footings, and mounting hardware.

Amend 4.2.1 to read:

4.2.1 Removing traffic sign type A, B, C, AA, BB or CC will be measured as a unit. A unit will include all footings, posts, mounting hardware and all signs on the same post.

Amend 4.2.2 to read:

4.2.2 Relocating traffic sign type A, B, C, AA, BB or CC will be measured as a unit. A unit will include removing footings and posts, furnishing new footings, posts and mounting hardware, and all signs on the new post.

Amend 5.2 to read:

5.2 Traffic sign type A, B, C, AA, BB or CC are final pay quantity items and will be paid for at the contract unit price per square meter (square foot) complete in place in accordance with 109.11.

Amend 5.2.1 to read:

5.2.1 The accepted quantities of removing or relocating traffic sign type A, B, C, AA, BB or CC will be paid for at the contract unit price per each unit.

Amend the following pay items and units to read:

615.01	Traffic Sign Type A (F)	Square Meter (Square Foot)
615.012	Traffic Sign Type A, Breakaway Mounts (F)	Square Meter (Square Foot)
615.02	Traffic Sign Type B (F)	Square Meter (Square Foot)
615.022	Traffic Sign Type B, Breakaway Mounts (F)	Square Meter (Square Foot)
615.03	Traffic Sign Type C (F)	Square Meter (Square Foot)
615.032	Traffic Sign Type C, Breakaway Mounts (F)	Square Meter (Square Foot)
615.04	Traffic Sign Type AA (F)	Square Meter (Square Foot)
615.05	Traffic Sign Type BB (F)	Square Meter (Square Foot)
615.06	Traffic Sign Type CC (F)	Square Meter (Square Foot)